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## DATA MATRIX

Date 10/10/2007			EPA Reg No./File Symbol 82542-G		Page 4 of 5
Applicant's/Registrant's Name & Address Source Dynamics LLC 10039 E. Troon North Drive, Scottsdale AZ 85262			Product Paraquat Concentrate		
Ingredient paraquat					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
	Generic Data Requirements		Syngenta Crop Protection, Inc.	PAY	
	Generic Data Requirements		The Ortho Business Group/The Scotts Company	PAY	
	Generic Data Requirements		Monsanto Company	PAY	
	Generic Data Requirements		Dow Elanco	PAY	
	Generic Data Requirements		Crystal Chemical Company	PAY	
	Generic Data Requirements		Makhteshim-Agan of North America, Inc.	PAY	
	Generic Data Requirements		Spray Drift Task Force	PAY	
	Generic Data Requirements		EDM Industries, Inc.	PAY	
	Generic Data Requirements		Sinon Corporation	PAY	
	Generic Data Requirements		Outdoor Residential Task Force LLC	PAY	
	Generic Data Requirements		Agricultural Reentry Task Force LLC	PAY	
	Generic Data Requirements		FIFRA Endangered Species Task Force LLC	PAY	
	Generic Data Requirements		Agricultural Handlers Exposure Task Force LLC	PAY	
	Generic Data Requirements		Griffin Corporation	PAY	
Signature <i>Rufus Bastian</i>			Name and Title: Rufus Bastian, President		Date: 10/10/2007



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Applicant's/Registrant's Name & Address  
Source Dynamics LLC  
10039 E. Troon North Drive, Scottsdale AZ 85262

Product  
Paraquat Concentrate

Ingredient paraquat

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
	Generic Data Requirements		Sinon USA, Inc.	PAY	
	Generic Data Requirements		Celsius Property BV/MANA Inc.	PAY	

Signature

*Rufus Bastian*

Name and Title: Rufus Bastian, President

Date: 10/10/2007



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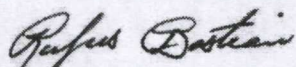
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Applicant's/Registrant's Name & Address  
Source Dynamics LLC  
10039 E. Troon North Drive, Scottsdale AZ 85262

Product  
Paraquat Concentrate

Ingredient paraquat

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
<b>PRODUCT PROPERTIES: GROUP A</b>					
830.1550	product identification and disclosure of ingredients	47091106	Source Dynamics LLC	OWN	
830.1600	description of beginning materials	47091106	Source Dynamics LLC	OWN	
830.1620	description of manufacturing process	47091106	Source Dynamics LLC	OWN	
830.1670	discussion of formation of impurities	47091106	Source Dynamics LLC	OWN	
830.1700	preliminary analysis	47106702	Source Dynamics LLC	OWN	
830.1750	certification of limits	47106702	Source Dynamics LLC	OWN	see also 8570-4
830.1800	enforcement analytical method	47108701	Source Dynamics LLC	OWN	
		47091102	Source Dynamics LLC	OWN	
		47091103	Source Dynamics LLC	OWN	
		47106702	Source Dynamics LLC	OWN	
<b>PRODUCT PROPERTIES: GROUP B</b>					
830.6302	color	47091105	Source Dynamics LLC	OWN	
830.6303	physical state	47091105	Source Dynamics LLC	OWN	
Signature 			Name and Title: Rufus Bastian, President		Date: 10/10/2007



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Applicant's/Registrant's Name & Address Source Dynamics LLC 10039 E. Troon North Drive, Scottsdale AZ 85262			Product Paraquat Concentrate		
Ingredient paraquat					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6304	odor	47091105	Source Dynamics LLC		
830.6313	stability to normal and elevated temperatures	46098802	Sinon	PAY	46.2% technical
830.6314	oxidation / reduction: chemical incompatibility	46098802	Sinon	PAY	46.2% technical
830.6315	flammability	46098802	Sinon	PAY	46.2% technical
830.6316	explosibility	46098802	Sinon	PAY	46.2% technical
830.6317	storage stability	46098802	Sinon	PAY	Source Dynamics study in progress
830.6319	miscibility	46098802	Sinon	PAY	46.2% technical
830.6320	corrosion characteristics	44590901	Syngenta	PAY	Source Dynamics study in progress
830.6321	dielectric breakdown voltage		not applicable		
830.7000	pH	47091105	Source Dynamics LLC	OWN	
830.7050	UV / visible absorption	46098802	Sinon	PAY	46.2% technical
830.7100	viscosity	47091105	Source Dynamics LLC	OWN	
830.7200	melting point	46098802	Sinon	PAY	46.2% technical
830.7220	boiling point	46098802	Sinon	PAY	46.2% technical
Signature <i>Rufus Bastian</i>			Name and Title: Rufus Bastian, President		Date: 10/10/2007



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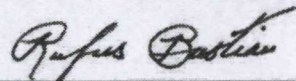
Applicant's/Registrant's Name & Address  
Source Dynamics LLC  
10039 E. Troon North Drive, Scottsdale AZ 85262

Product  
Paraquat Concentrate

Ingredient paraquat

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7300	density / relative density	47091105	Source Dynamics LLC	OWN	
830.7370	dissociation constant in water	46098802	Sinon	PAY	46.2% technical
830.7550	octanol / water partition coefficient	46098802	Sinon	PAY	46.2% technical
830.7840	water solubility	46098802	Sinon	PAY	46.2% technical
830.7950	vapor pressure	46098802	Sinon	PAY	46.2% technical
<b>ACUTE TOXICITY</b>					
870.1100	acute oral toxicity	47091107	Source Dynamics LLC	OWN	
870.1200	acute dermal toxicity	47091108	Source Dynamics LLC	OWN	
870.1300	acute inhalation toxicity	47091109	Source Dynamics LLC	OWN	
870.2400	acute eye irritation	46098805	Sinon	PAY	
870.2500	acute dermal irritation	47091110	Source Dynamics LLC	OWN	
870.2600	skin sensitization	47091111	Source Dynamics LLC	OWN	

Signature



Name and Title: Rufus Bastian, President

Date: 10/10/2007





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
401 M Street, S.W.  
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

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Date 10/10/2007		EPA Reg No./File Symbol 82542-G		Page 4 of 5	
Applicant's/Registrant's Name & Address Source Dynamics LLC, 10039 E. Troon North Drive, Scottsdale, AZ 85262		Product Paraquat Concentrate			
Ingredient paraquat					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Syngenta Crop Protection, Inc.	PAY	
			The Ortho Business Group/The Scotts Compan	PAY	
			Monsanto Company	PAY	
			Dow Elanco	PAY	
			Crystal Chemical Compay	PAY	
			Makhteshim-Agan of North America, Inc.	PAY	
			Spray Drift Task Force	PAY	
			EDM Industries, Inc.	PAY	
			Sinon Corporation	PAY	
			Outdoor Residential Exposure Task Force LLC	PAY	
			Agricultural Reentry Task Force LLC	PAY	
			FIFRA Endangered Species Task Force LLC	PAY	
			Residential Exposure Task Force LLC	PAY	
			Agricultural Handlers Exposure Task Force LLC	PAY	
			Griffin Corporation	PAY	
Signature <i>Rufus Bastian</i>			Name and Title Rufus Bastian, President		Date 10/10/2007





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Applicant's/Registrant's Name & Address

Source Dynamics LLC, 10039 E. Troon North Drive, Scottsdale, AZ 85262

Product

Paraquat Concentrate

Ingredient paraquat

Guideline Reference Number

Guideline Study Name

MRID Number

Submitter

Status

Note

Sinon USA, Inc.

PAY

Celsius Property BV/MANA Inc.

PAY

Signature

*Rufus Bastian*

Name and Title

Rufus Bastian, President

Date

10/10/2007





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DATA MATRIX

Date <u>3/24/07</u>		EPA Reg No./File Symbol <u>82542-</u>		Page <u>1</u> of <u>1</u>	
Applicant's/Registrant's Name & Address <u>SOURCE DYNAMICS LLC</u>		Product <u>PARAQUAT CONCENTRATE</u>			
Ingredient <u>10039 E. TROON NORTH DRIVE, SCOTTSDALE, AZ 85262</u>					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			<u>SYNGENTA CROP PROTECTION</u>		
			<u>ORTHO / SCOTT'S</u>		
			<u>MONSANTO CO.</u>		
			<u>DOW ELANCO</u>		
			<u>CRYSTAL CHEMICAL CO.</u>		
			<u>SDTF</u>		
			<u>EDM INDUSTRIES, INC.</u>		
			<u>KELLER &amp; HECKMAN / SINOH</u>		
			<u>ORETF</u>		
			<u>ARTF</u>		
			<u>RE JV</u>		
			<u>AHETF</u>		
			<u>LANDIS INT'L / GRIFFIN</u>		
Signature <u>Rueus Bastian</u>			Name and Title <u>RUEUS BASTIAN, PRESIDENT</u>		Date <u>3/24/07</u>



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**DATA MATRIX**

Date September 10, 2007

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Applicant's/Registrant's Name &amp; Address

Source Dynamics LLC  
10039 E. Troon North Drive, Scottsdale AZ 85262

Product

Paraquat Concentrate

Ingredient paraquat

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
<b>PRODUCT PROPERTIES: GROUP A</b>					
830.1550	product identification and disclosure of ingredients	47091106	Source Dynamics LLC	OWN	
830.1600	description of beginning materials	47091106	Source Dynamics LLC	OWN	
830.1620	description of manufacturing process	47091106	Source Dynamics LLC	OWN	
830.1670	discussion of formation of impurities	47091106	Source Dynamics LLC	OWN	
830.1700	preliminary analysis	47106702	Source Dynamics LLC	OWN	
830.1750	certification of limits	47106702	Source Dynamics LLC	OWN	see also 8570-4
830.1800	enforcement analytical method	47108701	Source Dynamics LLC	OWN	
		47091102	Source Dynamics LLC	OWN	
		47091103	Source Dynamics LLC	OWN	
		47106702	Source Dynamics LLC	OWN	
<b>PRODUCT PROPERTIES: GROUP B</b>					
830.6302	color	47091105	Source Dynamics LLC	OWN	
830.6303	physical state	47091105	Source Dynamics LLC	OWN	

Signature

*Rufus Bastian*

Name and Title: Rufus Bastian, President

Date: Sept. 10,  
2007



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Applicant's/Registrant's Name &amp; Address

Source Dynamics LLC

10039 E. Troon North Drive, Scottsdale AZ 85262

Product

Paraquat Concentrate

Ingredient paraquat

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6304	odor	47091105	Source Dynamics LLC		
830.6313	stability to normal and elevated temperatures	46098802	Sinon	PAY	46.2% technical
830.6314	oxidation / reduction: chemical incompatibility	46098802	Sinon	PAY	46.2% technical
830.6315	flammability	46098802	Sinon	PAY	46.2% technical
830.6316	explosibility	46098802	Sinon	PAY	46.2% technical
830.6317	storage stability	46098802	Sinon	PAY	Source Dynamics study in progress
630.6319	miscibility	46098802	Sinon	PAY	46.2% technical
830.6320	corrosion characteristics	44590901	Syngenta	PAY	Source Dynamics study in progress
830.6321	dielectric breakdown voltage		not applicable		
830.7000	pH	47091105	Source Dynamics LLC	OWN	
830.7050	UV / visible absorption	46098802	Sinon	PAY	46.2% technical
830.7100	viscosity	47091105	Source Dynamics LLC	OWN	
830.7200	melting point	46098802	Sinon	PAY	46.2% technical
830.7220	boiling point	46098802	Sinon	PAY	46.2% technical

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*Rufus Bastian*

Name and Title: Rufus Bastian, President

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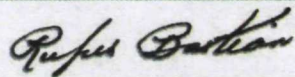
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Source Dynamics LLC  
10039 E. Troon North Drive, Scottsdale AZ 85262

Product  
Paraquat Concentrate

**Ingredient paraquat**

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7300	density / relative density	47091105	Source Dynamics LLC	OWN	
830.7370	dissociation constant in water	46098802	Sinon	PAY	46.2% technical
830.7550	octanol / water partition coefficient	46098802	Sinon	PAY	46.2% technical
830.7840	water solubility	46098802	Sinon	PAY	46.2% technical
830.7950	vapor pressure	46098802	Sinon	PAY	46.2% technical
<b>ACUTE TOXICITY</b>					
870.1100	acute oral toxicity	47091107	Source Dynamics LLC	OWN	
870.1200	acute dermal toxicity	47091108	Source Dynamics LLC	OWN	
870.1300	acute inhalation toxicity	47091109	Source Dynamics LLC	OWN	
870.2400	acute eye irritation	46098805	Sinon	PAY	
870.2500	acute dermal irritation	47091110	Source Dynamics LLC	OWN	
870.2600	skin sensitization	47091111	Source Dynamics LLC	OWN	

Signature



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Date: Sept. 10, 2007



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Applicant's/Registrant's Name &amp; Address

Source Dynamics LLC

10039 E. Troon North Drive, Scottsdale AZ 85262

Product

Paraquat Concentrate

Ingredient paraquat

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
<b>PRODUCT PROPERTIES: GROUP A</b>					
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830.1750	certification of limits	47106702	Source Dynamics LLC	OWN	see also 8570-4
830.1800	enforcement analytical method	47108701	Source Dynamics LLC	OWN	
		47091102	Source Dynamics LLC	OWN	
		47091103	Source Dynamics LLC	OWN	
		47106702	Source Dynamics LLC	OWN	
<b>PRODUCT PROPERTIES: GROUP B</b>					
830.6302	color	47091105	Source Dynamics LLC	OWN	
830.6303	physical state	47091105	Source Dynamics LLC	OWN	
Signature			Name and Title: Rufus Bastian, President		Date: Sept. 10, 2007



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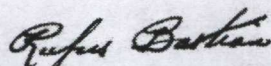
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Ingredient paraquat

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830.6315	flammability	46098802	Sinon	PAY	46.2% technical
830.6316	explosibility	46098802	Sinon	PAY	46.2% technical
830.6317	storage stability	46098802	Sinon	PAY	Source Dynamics study in progress
830.6319	miscibility	46098802	Sinon	PAY	46.2% technical
830.6320	corrosion characteristics	44590901	Syngenta	PAY	Source Dynamics study in progress
830.6321	dielectric breakdown voltage		not applicable		
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830.7100	viscosity	47091105	Source Dynamics LLC	OWN	
830.7200	melting point	46098802	Sinon	PAY	46.2% technical
830.7220	boiling point	46098802	Sinon	PAY	46.2% technical

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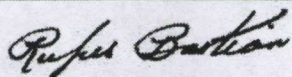
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830.7840	water solubility	46098802	Sinon	PAY	46.2% technical
830.9950	vapor pressure	46098802	Sinon	PAY	46.2% technical
870.1100	acute oral toxicity	47091107	Source Dynamics LLC	OWN	
870.1200	acute dermal toxicity	47091108	Source Dynamics LLC	OWN	
870.1300	acute inhalation toxicity	47091109	Source Dynamics LLC	OWN	
870.2400	acute eye irritation	46098805	Sinon	PAY	
870.2500	acute dermal irritation	47091110	Source Dynamics LLC	OWN	
870.2600	skin sensitization	47091111	Source Dynamics LLC	OWN	

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Name and Title: Rufus Bastian, President

Date: Sept. 10, 2007



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## DATA MATRIX

Date April 25, 2007

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Applicant's/Registrant's Name & Address  
Source Dynamics LLC  
10039 E. Troon North Drive, Scottsdale AZ 85262

Product  
Paraquat Concentrate

## Ingredient paraquat

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1550	product identification and disclosure of ingredients	47091106	Source Dynamics LLC	OWN	
830.1600	description of beginning materials	47091106	Source Dynamics LLC	OWN	
830.1620	description of manufacturing process	47091106	Source Dynamics LLC	OWN	
830.1670	discussion of formation of impurities	47091106	Source Dynamics LLC	OWN	
830.1700	preliminary analysis	47106702	Source Dynamics LLC	OWN	
830.1750	certification of limits	47106702	Source Dynamics LLC	OWN	see also 8570-4
830.1800	enforcement analytical method	47108701	Source Dynamics LLC	OWN	
		47091102	Source Dynamics LLC	OWN	
		47091103	Source Dynamics LLC	OWN	
		47106702	Source Dynamics LLC	OWN	
830.6302	color	47091105	Source Dynamics LLC	OWN	
830.6303	physical state	47091105	Source Dynamics LLC	OWN	
830.6304	odor	47091105	Source Dynamics LLC	OWN	
830.6317	storage stability	48098802	Sinon	PAY	Source Dynamics study in progress
Signature <i>Rufus Bastian</i>			Name and Title <i>RUFUS BASTIAN</i> <i>PRESIDENT</i>		Date <i>4/25/07</i>



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## DATA MATRIX

Date: April 25, 2007

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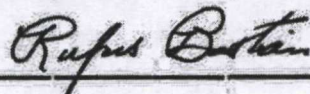
Applicant's/Registrant's Name & Address  
Source Dynamics LLC  
10039 E. Troon North Drive, Scottsdale AZ 85262

Product  
Paraquat Concentrate

Ingredient paraquat

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6320	corrosion characteristics	44590901	Syngenta	OWN	Source Dynamics study in progress
830.7000	pH	47091105	Source Dynamics LLC	OWN	
830.7100	viscosity	47091105	Source Dynamics LLC	OWN	
830.7300	density / relative density	47091105	Source Dynamics LLC	OWN	
870.1100	acute oral toxicity	47091107	Source Dynamics LLC	OWN	
870.1200	acute dermal toxicity	47091108	Source Dynamics LLC	OWN	
870.1300	acute inhalation toxicity	47091109	Source Dynamics LLC	OWN	
870.2400	acute eye irritation	46098805	Sinon	PAY	
		44702609	Griffin	PAY	
870.2500	acute dermal irritation	47091110	Source Dynamics LLC	OWN	
870.2600	skin sensitization	47091111	Source Dynamics LLC	OWN	

Signature



Name and Title

RUFUS BASTIAN  
PRESIDENT

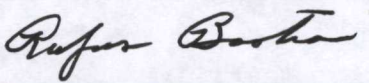
Date

4/25/07



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### DATA MATRIX

Date January 28, 2010			EPA Reg. No./File Symbol 82542-3		Page 1 of 5
Applicant's/Registrant's Name & Address Source Dynamics LLC 10039 E. Troon North Drive Scottsdale, AZ 85262			Product Paraquat Concentrate		
Ingredient paraquat dichloride					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
<b>PRODUCT PROPERTIES DATA</b>					
830.1550	product identification and disclosure of ingredients	47847201 47958401	Source Dynamics LLC	OWN	
830.1600	description of beginning materials	47847201	Source Dynamics LLC	OWN	
830.1620	description of manufacturing process	47847201	Source Dynamics LLC	OWN	
830.1650	description of formulation process	47847201	Source Dynamics LLC	OWN	
830.1670	discussion of formation of impurities	47847201	Source Dynamics LLC	OWN	
830.1700	preliminary analysis	47847201 47958401	Source Dynamics LLC	OWN	
830.1750	certification of limits	47847201 47958401	Source Dynamics LLC	OWN	
830.1800	enforcement analytical method	47847201	Source Dynamics LLC	OWN	
830.6302	color	47847201	Source Dynamics LLC	OWN	
830.6303	physical state	47847201	Source Dynamics LLC	OWN	
830.6304	odor	47847201	Source Dynamics LLC	OWN	
Signature 			Name and Title: Rufus Bastian President, Source Dynamics LLC		Date: Jan. 28, 2010



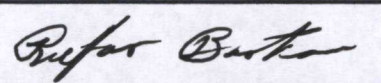
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Date January 28, 2010	EPA Reg. No./File Symbol 82542-3	Page 2 of 5
Applicant's/Registrant's Name & Address Source Dynamics LLC 10039 E. Troon North Drive Scottsdale, AZ 85262	Product Paraquat Concentrate	

Ingredient paraquat dichloride

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6313	stability to normal and elevated temperatures	47847201	Source Dynamics LLC	OWN	
830.6314	oxidation / reduction: chemical incompatibility	47847201	Source Dynamics LLC	OWN	
830.6315	flammability	47847201	Source Dynamics LLC	OWN	
830.6316	explosibility	47847201	Source Dynamics LLC	OWN	
830.6317	storage stability	47847201	Source Dynamics LLC	OWN	
630.6319	miscibility	47847201	Source Dynamics LLC	OWN	
830.6320	corrosion characteristics	47847201	Source Dynamics LLC	OWN	
830.6321	dielectric breakdown voltage	47847201	Source Dynamics LLC	OWN	
830.7000	pH	47847201	Source Dynamics LLC	OWN	
830.7050	UV / visible absorption	47847201	Source Dynamics LLC	OWN	
830.7100	viscosity	47847201	Source Dynamics LLC	OWN	
830.7200	melting point	47847201	Source Dynamics LLC	OWN	
830.7220	boiling point	47847201	Source Dynamics LLC	OWN	
830.7300	density / relative density	47847201	Source Dynamics LLC	OWN	
830.7370	dissociation constant in water	47847201	Source Dynamics LLC	OWN	

Signature 	Name and Title: Rufus Bastian President, Source Dynamics LLC	Date: Jan. 28, 2010
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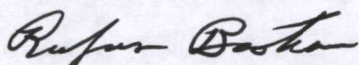
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### DATA MATRIX

Date January 28, 2010	EPA Reg. No./File Symbol 82542-3	Page 3 of 5
Applicant's/Registrant's Name & Address Source Dynamics LLC 10039 E. Troon North Drive Scottsdale, AZ 85262	Product Paraquat Concentrate	

Ingredient paraquat dichloride

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7550	octanol / water partition coefficient	47847201	Source Dynamics LLC	OWN	
830.7570	octanol / water partition coefficient	47847201	Source Dynamics LLC	OWN	
830.7840	water solubility	47847201	Source Dynamics LLC	OWN	
830.7860	solubility in organic solvents		not applicable: not a technical material		
830.7950	vapor pressure	47847201	Source Dynamics LLC	OWN	
ACUTE TOXICITY DATA					
870.1100	acute oral toxicity	47091107	Source Dynamics LLC	OWN	
870.1200	acute dermal toxicity	47091108	Source Dynamics LLC	OWN	
870.1300	acute inhalation toxicity	47091109	Source Dynamics LLC	OWN	
870.2400	acute eye irritation	46098805	Sinon	PAY	
870.2500	acute dermal irritation	47091110	Source Dynamics LLC	OWN	
870.2600	skin sensitization	47091111	Source Dynamics LLC	OWN	

Signature 	Name and Title: Rufus Bastian President, Source Dynamics LLC	Date: Jan. 28, 2010
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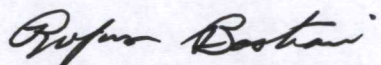
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Date January 28, 2010	EPA Reg. No./File Symbol 82542-3	Page 4 of 5
Applicant's/Registrant's Name & Address Source Dynamics LLC 10039 E. Troon North Drive Scottsdale, AZ 85262		Product Paraquat Concentrate

Ingredient paraquat dichloride

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
Series 870 other: cite-all Series 810: cite-all Series 835: cite-all Series 840: cite-all Series 850: cite-all Series 860: cite-all Series 875: cite-all	Toxicology: generic data Product Performance: generic data Fate, Transport and Transformation: generic data Spray Drift: generic data Ecological Effects: generic data Residue Chemistry: generic data Occupational and Residential Exposure: generic data	multiple	Syngenta Crop Protection, Inc.	PAY	
			The Scotts Company	PAY	
			Monsanto Company	PAY	
			Crystal Chemical Company	PAY	
			Dow Agrosciences LLC	PAY	
			Makhteshim-Agan of North America, Inc.	PAY	
			Spray Drift Task Force	PAY	
			EDM Industries, Inc.	PAY	
			Sinon Corp.	PAY	
			Outdoor Residential Exposure Task Force	PAY	
			Agricultural Reentry Task Force	PAY	
			FIFRA Endangered Species Task Force	PAY	
			Helm Agro US, Inc.	PAY	
			Residential Exposure Joint Venture	PAY	

Signature 	Name and Title: Rufus Bastian President, Source Dynamics LLC	Date: Jan. 28, 2010
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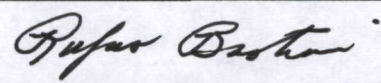
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Date January 28, 2010	EPA Reg. No./File Symbol 82542-3	Page 5 of 5
Applicant's/Registrant's Name & Address Source Dynamics LLC 10039 E. Troon North Drive Scottsdale, AZ 85262	Product Paraquat Concentrate	

Ingredient paraquat dichloride

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
Series 870 other: cite-all Series 810: cite-all Series 835: cite-all Series 840: cite-all Series 850: cite-all Series 860: cite-all Series 875: cite-all	Toxicology: generic data	multiple	Agricultural Handlers Exposure Task Force	PAY	
	Product Performance: generic data		Griffin Corporation	PAY	
	Fate, Transport and Transformation: generic data		Sinon USA, Inc.	PAY	
	Spray Drift: generic data		Celsius Property B.V., Amsterdam (NL)	PAY	
	Ecological Effects: generic data		Generic Endangered Species Task Force	PAY	
	Residue Chemistry: generic data				
	Occupational and Residential Exposure: generic data				

Signature 	Name and Title: Rufus Bastian President, Source Dynamics LLC	Date: Jan. 28, 2010
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Applicant's/Registrant's Name & Address Source Dynamics LLC 10039 E. Troon North Drive Scottsdale, AZ 85262			Product Paraquat Concentrate		
Ingredient paraquat dichloride					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
Signature <i>Rufus Bastian</i>			Name and Title: Rufus Bastian President, Source Dynamics LLC		Date: Jan. 28, 2010



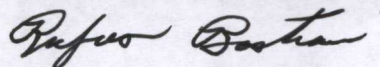
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Applicant's/Registrant's Name & Address Source Dynamics LLC 10039 E. Troon North Drive Scottsdale, AZ 85262	Product Paraquat Concentrate	

Ingredient paraquat dichloride

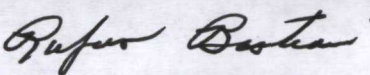
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
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			Source Dynamics LLC	OWN	

Signature 	Name and Title: Rufus Bastian President, Source Dynamics LLC	Date: Jan. 28, 2010
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Applicant's/Registrant's Name & Address Source Dynamics LLC 10039 E. Troon North Drive Scottsdale, AZ 85262		Product Paraquat Concentrate			
Ingredient paraquat dichloride					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			not applicable: not a technical material		
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Sinon	PAY	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
Signature 			Name and Title: Rufus Bastian President, Source Dynamics LLC		Date: Jan. 28, 2010



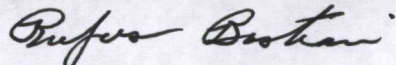
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Applicant's/Registrant's Name & Address Source Dynamics LLC 10039 E. Troon North Drive Scottsdale, AZ 85262		Product Paraquat Concentrate

Ingredient paraquat dichloride

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Syngenta Crop Protection, Inc.	PAY	
			The Scotts Company	PAY	
			Monsanto Company	PAY	
			Crystal Chemical Company	PAY	
			Dow Agrosiences LLC	PAY	
			Makhteshim-Agan of North America, Inc.	PAY	
			Spray Drift Task Force	PAY	
			EDM Industries, Inc.	PAY	
			Sinon Corp.	PAY	
			Outdoor Residential Exposure Task Force	PAY	
			Agricultural Reentry Task Force	PAY	
			FIFRA Endangered Species Task Force	PAY	
			Helm Agro US, Inc.	PAY	
			Residential Exposure Joint Venture	PAY	

Signature 	Name and Title: Rufus Bastian President, Source Dynamics LLC	Date: Jan. 28, 2010
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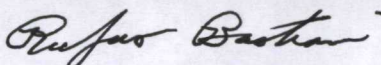
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Date January 28, 2010	EPA Reg. No./File Symbol 82542-3	Page 5 of 5
Applicant's/Registrant's Name & Address Source Dynamics LLC 10039 E. Troon North Drive Scottsdale, AZ 85262		Product Paraquat Concentrate

Ingredient paraquat dichloride

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Agricultural Handlers Exposure Task Force	PAY	
			Griffin Corporation	PAY	
			Sinon USA, Inc.	PAY	
			Celsius Property B.V., Amsterdam (NL)	PAY	
			Generic Endangered Species Task Force	PAY	

Signature 	Name and Title: Rufus Bastian President, Source Dynamics LLC	Date: Jan. 28, 2010
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# DATA MATRIX

Date May 27, 2011

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Page 1 of 5

Applicant's/Registrant's Name & Address

Source Dynamics LLC  
10039 E. Troon North Drive  
Scottsdale, AZ 85262

Product  
Paraquat Concentrate (second alternate formulation)

Ingredient paraquat dichloride

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
PRODUCT PROPERTIES DATA					
830.1550	product identification and disclosure of ingredients	NEW	Source Dynamics LLC	OWN	
830.1600	description of beginning materials	NEW	Source Dynamics LLC	OWN	
830.1620	description of manufacturing process	NEW	Source Dynamics LLC	OWN	
830.1650	description of formulation process	NEW	Source Dynamics LLC	OWN	
830.1670	discussion of formation of impurities	NEW	Source Dynamics LLC	OWN	
830.1700	preliminary analysis	NEW	Source Dynamics LLC	OWN	
830.1750	certification of limits	NEW	Source Dynamics LLC	OWN	
830.1800	enforcement analytical method	47847201	Source Dynamics LLC	OWN	
830.6302	color	47847201	Source Dynamics LLC	OWN	
830.6303	physical state	47847201	Source Dynamics LLC	OWN	
830.6304	odor	47847201	Source Dynamics LLC	OWN	

Signature

*Robert Hawk*

Name and Title:  
Robert Hawk  
Registration Manager, Source Dynamics LLC

Date:  
May 27, 2011



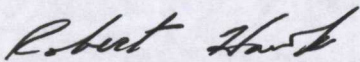
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Applicant's/Registrant's Name & Address Source Dynamics LLC 10039 E. Troon North Drive Scottsdale, AZ 85262		Product Paraquat Concentrate (second alternate formulation)

Ingredient paraquat dichloride

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6313	stability to normal and elevated temperatures	47847201	Source Dynamics LLC	OWN	
830.6314	oxidation / reduction: chemical incompatibility	47847201	Source Dynamics LLC	OWN	
830.6315	flammability	47847201	Source Dynamics LLC	OWN	
830.6316	explosibility	47847201	Source Dynamics LLC	OWN	
830.6317	storage stability	47847201	Source Dynamics LLC	OWN	
630.6319	miscibility	47847201	Source Dynamics LLC	OWN	
830.6320	corrosion characteristics	47847201	Source Dynamics LLC	OWN	
830.6321	dielectric breakdown voltage	47847201	Source Dynamics LLC	OWN	
830.7000	pH	47847201	Source Dynamics LLC	OWN	
830.7050	UV / visible absorption	47847201	Source Dynamics LLC	OWN	
830.7100	viscosity	47847201	Source Dynamics LLC	OWN	
830.7200	melting point	47847201	Source Dynamics LLC	OWN	
830.7220	boiling point	47847201	Source Dynamics LLC	OWN	
830.7300	density / relative density	47847201	Source Dynamics LLC	OWN	
830.7370	dissociation constant in water	47847201	Source Dynamics LLC	OWN	

Signature 	Name and Title: Robert Hawk Registration Manager, Source Dynamics LLC	Date: May 27, 2011
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Applicant's/Registrant's Name &amp; Address

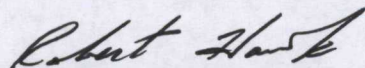
Source Dynamics LLC  
10039 E. Troon North Drive  
Scottsdale, AZ 85262

Product  
Paraquat Concentrate (second alternate formulation)

Ingredient paraquat dichloride

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7550	octanol / water partition coefficient	47847201	Source Dynamics LLC	OWN	
830.7570	octanol / water partition coefficient	47847201	Source Dynamics LLC	OWN	
830.7840	water solubility	47847201	Source Dynamics LLC	OWN	
830.7860	solubility in organic solvents		not applicable: not a technical material		
830.7950	vapor pressure	47847201	Source Dynamics LLC	OWN	
ACUTE TOXICITY DATA					
870.1100	acute oral toxicity	NEW	Source Dynamics LLC	OWN	
870.1200	acute dermal toxicity	NEW	Source Dynamics LLC	OWN	
870.1300	acute inhalation toxicity	NEW	Source Dynamics LLC	OWN	
870.2400	acute eye irritation	NEW	Source Dynamics LLC	OWN	
870.2500	acute dermal irritation	NEW	Source Dynamics LLC	OWN	
870.2600	skin sensitization	NEW	Source Dynamics LLC	OWN	

Signature



Name and Title:  
Robert Hawk  
Registration Manager, Source Dynamics LLC

Date:  
May 27, 2011



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## DATA MATRIX

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Applicant's/Registrant's Name &amp; Address

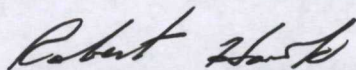
Source Dynamics LLC  
10039 E. Troon North Drive  
Scottsdale, AZ 85262

Product  
Paraquat Concentrate (second alternate formulation)

Ingredient paraquat dichloride

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
Series 870 other: cite-all  Series 810: cite-all  Series 835: cite-all  Series 840: cite-all  Series 850: cite-all  Series 860: cite-all  Series 875: cite-all	Toxicology: generic data	multiple	Syngenta Crop Protection, Inc.	PAY	
	Product Performance: generic data		The Scotts Company	PAY	
			Monsanto Company	PAY	
	Fate, Transport and Transformation: generic data		Crystal Chemical Company	PAY	
			Dow Agrosciences LLC	PAY	
	Spray Drift: generic data		Makhteshim-Agan of North America, Inc.	PAY	
			Spray Drift Task Force	PAY	
	Ecological Effects: generic data		EDM Industries, Inc.	PAY	
	Residue Chemistry: generic data		Sinon Corp.	PAY	
	Occupational and Residential Exposure: generic data		Outdoor Residential Exposure Task Force	PAY	
			Agricultural Reentry Task Force	PAY	
			FIFRA Endangered Species Task Force	PAY	
			Helm Agro US, Inc.	PAY	
			Residential Exposure Joint Venture	PAY	

Signature



Name and Title: Robert Hawk  
Registration Manager, Source Dynamics LLC

Date:  
May 27, 2011



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Applicant's/Registrant's Name & Address  
 Source Dynamics LLC  
 10039 E. Troon North Drive  
 Scottsdale, AZ 85262

Product  
 Paraquat Concentrate (second alternate formulation)

Ingredient paraquat dichloride

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
Series 870 other: cite-all  Series 810: cite-all  Series 835: cite-all  Series 840: cite-all  Series 850: cite-all  Series 860: cite-all  Series 875: cite-all	Toxicology: generic data	multiple	Agricultural Handlers Exposure Task Force	PAY	
	Product Performance: generic data		Griffin Corporation	PAY	
			Sinon USA, Inc.	PAY	
	Fate, Transport and Transformation: generic data		Sharda Worldwide Exports Pvt. Ltd.	PAY	
			Celsius Property B.V., Amsterdam (NL)	PAY	
	Spray Drift: generic data		Generic Endangered Species Task Force	PAY	
	Ecological Effects: generic data				
	Residue Chemistry: generic data				
	Occupational and Residential Exposure: generic data				

Signature



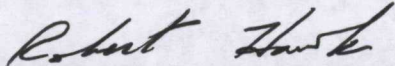
Name and Title: Robert Hawk  
 Registration Manager, Source Dynamics LLC

Date:  
 May 27, 2011



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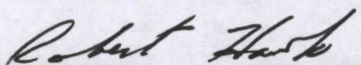
### DATA MATRIX

Date May 27, 2011		EPA Reg. No./File Symbol 82542-3		Page 1 of 5	
Applicant's/Registrant's Name & Address Source Dynamics LLC 10039 E. Troon North Drive Scottsdale, AZ 85262		Product Paraquat Concentrate (second alternate formulation)			
Ingredient paraquat dichloride					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
Signature 			Name and Title: Robert Hawk Registration Manager, Source Dynamics LLC		Date: May 27, 2011



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### DATA MATRIX

Date May 27, 2014			EPA Reg. No./File Symbol 82542-3		Page 2 of 5
Applicant's/Registrant's Name & Address Source Dynamics LLC 0039 E. Troon North Drive Scottsdale, AZ 85262			Product Paraquat Concentrate (second alternate formulation)		
Ingredient paraquat dichloride					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
Signature 			Name and Title: Robert Hawk Registration Manager, Source Dynamics LLC		Date: May 27, 2011



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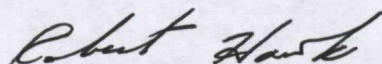
Applicant's/Registrant's Name & Address  
Source Dynamics LLC  
10039 E. Troon North Drive  
Scottsdale, AZ 85262

Product  
Paraquat Concentrate (second alternate formulation)

Ingredient paraquat dichloride

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			not applicable: not a technical material		
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	
			Source Dynamics LLC	OWN	

Signature



Name and Title:  
Robert Hawk  
Registration Manager, Source Dynamics LLC

Date:  
May 27, 2011



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Applicant's/Registrant's Name &amp; Address

Source Dynamics LLC  
10039 E. Troon North Drive  
Scottsdale, AZ 85262Product  
Paraquat Concentrate (second alternate formulation)

Ingredient paraquat dichloride

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Syngenta Crop Protection, Inc.	PAY	
			The Scotts Company	PAY	
			Monsanto Company	PAY	
			Crystal Chemical Company	PAY	
			Dow Agrosciences LLC	PAY	
			Makhteshim-Agan of North America, Inc.	PAY	
			Spray Drift Task Force	PAY	
			EDM Industries, Inc.	PAY	
			Sinon Corp.	PAY	
			Outdoor Residential Exposure Task Force	PAY	
			Agricultural Reentry Task Force	PAY	
			FIFRA Endangered Species Task Force	PAY	
			Helm Agro US, Inc.	PAY	
			Residential Exposure Joint Venture	PAY	

Signature

Name and Title: Robert Hawk  
Registration Manager, Source Dynamics LLCDate:  
May 27, 2011



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Applicant's/Registrant's Name &amp; Address

Source Dynamics LLC  
10039 E. Troon North Drive  
Scottsdale, AZ 85262Product  
Paraquat Concentrate (second alternate formulation)

Ingredient paraquat dichloride

Guideline Reference Number

Guideline Study Name

MRID Number

Submitter

Status

Note

Agricultural Handlers Exposure Task Force

PAY

Griffin Corporation

PAY

Sinon USA, Inc.

PAY

Sharda Worldwide Exports Pvt. Ltd.

PAY

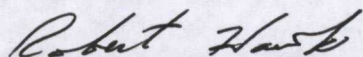
Celsius Property B.V., Amsterdam (NL)

PAY

Generic Endangered Species Task Force

PAY

Signature

Name and Title: Robert Hawk  
Registration Manager, Source Dynamics LLCDate:  
May 27, 2011



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Applicant's/Registrant's Name &amp; Address

Source Dynamics LLC  
10039 E. Troon North Drive  
Scottsdale, AZ 85262Product  
Paraquat Concentrate (alternate formulation #5)

Ingredient paraquat dichloride

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
PRODUCT PROPERTIES DATA					
830.1550	product identification and disclosure of ingredients	NEW	Source Dynamics LLC	OWN	
830.1600	description of beginning materials	NEW	Source Dynamics LLC	OWN	
830.1620	description of manufacturing process	NEW	Source Dynamics LLC	OWN	
830.1650	description of formulation process	NEW	Source Dynamics LLC	OWN	
830.1670	discussion of formation of impurities	NEW	Source Dynamics LLC	OWN	
830.1700	preliminary analysis	NEW	Source Dynamics LLC	OWN	
830.1750	certification of limits	NEW	Source Dynamics LLC	OWN	
830.1800	enforcement analytical method	47847201	Source Dynamics LLC	OWN	
830.6302	color	47847201	Source Dynamics LLC	OWN	
830.6303	physical state	47847201	Source Dynamics LLC	OWN	
830.6304	odor	47847201	Source Dynamics LLC	OWN	
Signature 			Name and Title: Robert Hawk Registration Manager, Source Dynamics LLC		Date: October 29, 2014



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Applicant's/Registrant's Name &amp; Address

Source Dynamics LLC  
10039 E. Troon North Drive  
Scottsdale, AZ 85262

Product

Paraquat Concentrate (alternate formulation #5)

Ingredient paraquat dichloride

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6313	stability to normal and elevated temperatures	47847201	Source Dynamics LLC	OWN	
830.6314	oxidation / reduction: chemical incompatibility	47847201	Source Dynamics LLC	OWN	
830.6315	flammability	47847201	Source Dynamics LLC	OWN	
830.6316	explosibility	47847201	Source Dynamics LLC	OWN	
830.6317	storage stability	47847201	Source Dynamics LLC	OWN	
630.6319	miscibility	47847201	Source Dynamics LLC	OWN	
830.6320	corrosion characteristics	47847201	Source Dynamics LLC	OWN	
830.6321	dielectric breakdown voltage	47847201	Source Dynamics LLC	OWN	
830.7000	pH	47847201	Source Dynamics LLC	OWN	
830.7050	UV / visible absorption	47847201	Source Dynamics LLC	OWN	
830.7100	viscosity	47847201	Source Dynamics LLC	OWN	
830.7200	melting point	47847201	Source Dynamics LLC	OWN	
830.7220	boiling point	47847201	Source Dynamics LLC	OWN	
830.7300	density / relative density	47847201	Source Dynamics LLC	OWN	
830.7370	dissociation constant in water	47847201	Source Dynamics LLC	OWN	

Signature



Name and Title:

Robert Hawk  
Registration Manager, Source Dynamics LLC

Date:

October 29, 2014



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Applicant's/Registrant's Name &amp; Address

Source Dynamics LLC  
10039 E. Troon North Drive  
Scottsdale, AZ 85262

Product

Paraquat Concentrate (alternate formulation #5)

Ingredient paraquat dichloride

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7550	octanol / water partition coefficient	47847201	Source Dynamics LLC	OWN	
830.7570	octanol / water partition coefficient	47847201	Source Dynamics LLC	OWN	
830.7840	water solubility	47847201	Source Dynamics LLC	OWN	
830.7860	solubility in organic solvents		not applicable: not a technical material		
830.7950	vapor pressure	47847201	Source Dynamics LLC	OWN	
ACUTE TOXICITY DATA					
870.1100	acute oral toxicity	47091107	Source Dynamics LLC	OWN	
870.1200	acute dermal toxicity	47091108	Source Dynamics LLC	OWN	
870.1300	acute inhalation toxicity	47091109	Source Dynamics LLC	OWN	
870.2400	acute eye irritation	46098805	Sinon	PAY	
870.2500	acute dermal irritation	47091110	Source Dynamics LLC	OWN	
870.2600	skin sensitization	47091111	Source Dynamics LLC	OWN	

Signature



Name and Title:

Robert Hawk  
Registration Manager, Source Dynamics LLC

Date:

October 29, 2014



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Applicant's/Registrant's Name &amp; Address

Source Dynamics LLC  
10039 E. Troon North Drive  
Scottsdale, AZ 85262

Product

Paraquat Concentrate (alternate formulation #5)

Ingredient paraquat dichloride


Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
Series 870 other: cite-all  Series 810: cite-all  Series 835: cite-all  Series 840: cite-all  Series 850: cite-all  Series 860: cite-all  Series 875: cite-all	Toxicology: generic data	multiple	Syngenta Crop Protection, Inc.	PAY	
	Product Performance: generic data		The Scotts Company	PAY	
	Fate, Transport and Transformation: generic data		Monsanto Company	PAY	
	Spray Drift: generic data		Crystal Chemical Company	PAY	
	Ecological Effects: generic data		Dow Agrosciences LLC	PAY	
	Residue Chemistry: generic data		Makhteshim-Agan of North America, Inc.	PAY	
	Occupational and Residential Exposure: generic data		Spray Drift Task Force	PAY	
			EDM Industries, Inc.	PAY	
			Sinon Corp.	PAY	
			Outdoor Residential Exposure Task Force	PAY	
			Agricultural Reentry Task Force	PAY	
			FIFRA Endangered Species Task Force	PAY	
			Helm Agro US, Inc.	PAY	
			Residential Exposure Joint Venture	PAY	
Signature 			Name and Title: Robert Hawk Registration Manager, Source Dynamics LLC		Date: October 29, 2014





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Date October 29, 2014		EPA Reg. No./File Symbol 82542-3		Page 5 of 5	
Applicant's/Registrant's Name & Address Source Dynamics LLC 10039 E. Troon North Drive Scottsdale, AZ 85262		Product Paraquat Concentrate (alternate formulation #5)			
Ingredient paraquat dichloride					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
Series 870 other: cite-all Series 810: cite-all Series 835: cite-all Series 840: cite-all Series 850: cite-all Series 860: cite-all Series 875: cite-all	Toxicology: generic data	multiple	Agricultural Handlers Exposure Task Force	PAY	
	Product Performance: generic data Fate, Transport and Transformation: generic data Spray Drift: generic data Ecological Effects: generic data Residue Chemistry: generic data Occupational and Residential Exposure: generic data		Griffin Corporation	PAY	
			Sinon USA, Inc.	PAY	
			Sharda Cropchem Ltd.	PAY	
			Celsius Property B.V., Amsterdam (NL)	PAY	
			Generic Endangered Species Task Force	PAY	
			Willowood, LLC	PAY	
			Willowood Paraquat, LLC	PAY	
			US Raymat AG LLC	PAY	
Signature 			Name and Title: Robert Hawk Registration Manager, Source Dynamics LLC		Date: October 29, 2014



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Applicant's/Registrant's Name &amp; Address

Source Dynamics LLC  
10039 E. Troon North Drive  
Scottsdale, AZ 85262Product  
Paraquat Concentrate (alternate formulation #4)

Ingredient paraquat dichloride

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
PRODUCT PROPERTIES DATA					
830.1550	product identification and disclosure of ingredients	NEW	Source Dynamics LLC	OWN	
830.1600	description of beginning materials	NEW	Source Dynamics LLC	OWN	
830.1620	description of manufacturing process	NEW	Source Dynamics LLC	OWN	
830.1650	description of formulation process	NEW	Source Dynamics LLC	OWN	
830.1670	discussion of formation of impurities	NEW	Source Dynamics LLC	OWN	
930.1700	preliminary analysis	NEW	Source Dynamics LLC	OWN	
830.1750	certification of limits	NEW	Source Dynamics LLC	OWN	
830.1800	enforcement analytical method	47847201	Source Dynamics LLC	OWN	
830.6302	color	47847201	Source Dynamics LLC	OWN	
830.6303	physical state	47847201	Source Dynamics LLC	OWN	
830.6304	odor	47847201	Source Dynamics LLC	OWN	
Signature 			Name and Title: Robert Hawk Registration Manager, Source Dynamics LLC		Date: April 21, 2014



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Applicant's/Registrant's Name &amp; Address

Source Dynamics LLC  
0039 E. Troon North Drive  
Scottsdale, AZ 85262Product  
Paraquat Concentrate (alternate formulation #4)

Ingredient paraquat dichloride

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6313	stability to normal and elevated temperatures	47847201	Source Dynamics LLC	OWN	
830.6314	oxidation / reduction: chemical incompatibility	47847201	Source Dynamics LLC	OWN	
830.6315	flammability	47847201	Source Dynamics LLC	OWN	
830.6316	explosibility	47847201	Source Dynamics LLC	OWN	
830.6317	storage stability	47847201	Source Dynamics LLC	OWN	
630.6319	miscibility	47847201	Source Dynamics LLC	OWN	
830.6320	corrosion characteristics	47847201	Source Dynamics LLC	OWN	
830.6321	dielectric breakdown voltage	47847201	Source Dynamics LLC	OWN	
830.7000	pH	47847201	Source Dynamics LLC	OWN	
830.7050	UV / visible absorption	47847201	Source Dynamics LLC	OWN	
830.7100	viscosity	47847201	Source Dynamics LLC	OWN	
830.7200	melting point	47847201	Source Dynamics LLC	OWN	
830.7220	boiling point	47847201	Source Dynamics LLC	OWN	
830.7300	density / relative density	47847201	Source Dynamics LLC	OWN	
830.7370	dissociation constant in water	47847201	Source Dynamics LLC	OWN	

Signature

Name and Title:  
Robert Hawk  
Registration Manager, Source Dynamics LLCDate:  
April 21, 2014



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Applicant's/Registrant's Name &amp; Address

Source Dynamics LLC  
10039 E. Troon North Drive  
Scottsdale, AZ 85262Product  
Paraquat Concentrate (alternate formulation #4)

Ingredient paraquat dichloride

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7550	octanol / water partition coefficient	47847201	Source Dynamics LLC	OWN	
830.7570	octanol / water partition coefficient	47847201	Source Dynamics LLC	OWN	
830.7840	water solubility	47847201	Source Dynamics LLC	OWN	
830.7860	solubility in organic solvents		not applicable: not a technical material		
830.7950	vapor pressure	47847201	Source Dynamics LLC	OWN	
ACUTE TOXICITY DATA					
870.1100	acute oral toxicity	47091107	Source Dynamics LLC	OWN	
870.1200	acute dermal toxicity	47091108	Source Dynamics LLC	OWN	
870.1300	acute inhalation toxicity	47091109	Source Dynamics LLC	OWN	
870.2400	acute eye irritation	46098805	Sinon	PAY	
870.2500	acute dermal irritation	47091110	Source Dynamics LLC	OWN	
870.2600	skin sensitization	47091111	Source Dynamics LLC	OWN	


Signature

Name and Title:  
Robert Hawk  
Registration Manager, Source Dynamics LLCDate:  
April 21, 2014



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Applicant's/Registrant's Name & Address Source Dynamics LLC 10039 E. Troon North Drive Scottsdale, AZ 85262		Product Paraquat Concentrate (alternate formulation #4)			
Ingredient paraquat dichloride					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
Series 870 other: cite-all  Series 810: cite-all  Series 835: cite-all  Series 840: cite-all  Series 850: cite-all  Series 860: cite-all  Series 875: cite-all	Toxicology: generic data	multiple	Syngenta Crop Protection, Inc.	PAY	
	Product Performance: generic data  Fate, Transport and Transformation: generic data  Spray Drift: generic data  Ecological Effects: generic data  Residue Chemistry: generic data  Occupational and Residential Exposure: generic data		The Scotts Company	PAY	
			Monsanto Company	PAY	
			Crystal Chemical Company	PAY	
			Dow Agrosciences LLC	PAY	
			Makhteshim-Agan of North America, Inc.	PAY	
			Spray Drift Task Force	PAY	
			EDM Industries, Inc.	PAY	
			Sinon Corp.	PAY	
			Outdoor Residential Exposure Task Force	PAY	
			Agricultural Reentry Task Force	PAY	
			FIFRA Endangered Species Task Force	PAY	
			Helm Agro US, Inc.	PAY	
Residential Exposure Joint Venture	PAY				
Signature 			Name and Title: Robert Hawk Registration Manager, Source Dynamics LLC		Date: April 21, 2014




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Applicant's/Registrant's Name & Address Source Dynamics LLC 10039 E. Troon North Drive Scottsdale, AZ 85262		Product Paraquat Concentrate (alternate formulation #4)

Ingredient paraquat dichloride

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
Series 870 other: cite-all Series 810: cite-all Series 835: cite-all Series 840: cite-all Series 850: cite-all Series 860: cite-all Series 875: cite-all	Toxicology: generic data	multiple	Agricultural Handlers Exposure Task Force	PAY	
	Product Performance: generic data		Griffin Corporation	PAY	
	Fate, Transport and Transformation: generic data		Sinon USA, Inc.	PAY	
	Spray Drift: generic data		Sharda Cropchem Ltd.	PAY	
	Ecological Effects: generic data		Celsius Property B.V., Amsterdam (NL)	PAY	
	Residue Chemistry: generic data		Generic Endangered Species Task Force	PAY	
	Occupational and Residential Exposure: generic data		Willowood, LLC	PAY	
			Willowood Paraquat, LLC	PAY	
			US Raymat AG LLC	PAY	
			United Pet Group, Inc.	PAY	
			PCDB Task Force	PAY	

Signature 	Name and Title: Robert Hawk Registration Manager, Source Dynamics LLC	Date: April 21, 2014
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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
401 M Street, S.W.  
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

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DATA MATRIX

Date 01/13/2014			EPA Reg No./File Symbol 82542 - 3		Page 1 of 1
Applicant's/Registrant's Name & Address Source Dynamics, LLC, 10039 E Troon North Drive, Scottsdale, AZ 85262			Product PARAQUAT CONCENTRATE		
Ingredient Paraquat Dichloride					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
-	-	-	-	-	
-	-	-	-	-	
-	-	-	-	-	
-	-	-	-	-	
Product Specific Data:					
830.1550	Product identity and composition	47847201	Source Dynamics	Own	
830.1600	Description of materials used to produce the product	47847201	Source Dynamics	Own	
830.1620	Description of production process	47847201	Source Dynamics	Own	
830.1670	Discussion of impurities	47847201	Source Dynamics	Own	
830.1700	Preliminary analysis	47847201	Source Dynamics	Own	
830.1750	Certified limits	47847201	Source Dynamics	Own	
830.1800	Enforcement analytical method	47847201	Source Dynamics	Own	
Signature 			Name and Title SCOTT PACE, Registration Consultant		Date 01/13/2014





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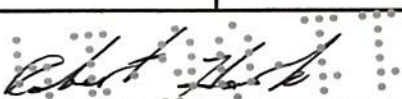
DATA MATRIX

Date 01/13/2014		EPA Reg No./File Symbol 82542 - 3		Page 1 of 1	
Applicant's/Registrant's Name & Address Source Dynamics, LLC, 10039 E Troon North Drive, Scottsdale, AZ 85262		Product PARAQUAT CONCENTRATE			
Ingredient Paraquat Dichloride					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			-	-	
			-	-	
			-	-	
			-	-	
			Source Dynamics	Own	
			Source Dynamics	Own	
			Source Dynamics	Own	
			Source Dynamics	Own	
			Source Dynamics	Own	
			Source Dynamics	Own	
			Source Dynamics	Own	
Signature			Name and Title SCOTT PACE, Registration Consultant		Date 01/13/2014



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Applicant's/Registrant's Name & Address Source Dynamics LLC 10039 E. Troon North Drive Scottsdale, AZ 85262		Product Paraquat Concentrate (alternate formulation #5)			
Ingredient paraquat dichloride					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
PRODUCT PROPERTIES DATA					
830.1550	product identification and disclosure of ingredients	NEW	Source Dynamics LLC	OWN	
830.1600	description of beginning materials	NEW	Source Dynamics LLC	OWN	
830.1620	description of manufacturing process	NEW	Source Dynamics LLC	OWN	
830.1650	description of formulation process	NEW	Source Dynamics LLC	OWN	
830.1670	discussion of formation of impurities	NEW	Source Dynamics LLC	OWN	
830.1700	preliminary analysis	NEW	Source Dynamics LLC	OWN	
830.1750	certification of limits	NEW	Source Dynamics LLC	OWN	
830.1800	enforcement analytical method	47847201	Source Dynamics LLC	OWN	
830.6302	color	47847201	Source Dynamics LLC	OWN	
830.6303	physical state	47847201	Source Dynamics LLC	OWN	
830.6304	odor	47847201	Source Dynamics LLC	OWN	
Signature 			Name and Title: Robert Hawk Registration Manager, Source Dynamics LLC		Date: October 29, 2014



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Applicant's/Registrant's Name &amp; Address

Source Dynamics LLC  
10039 E. Troon North Drive  
Scottsdale, AZ 85262

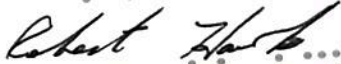
Product

Paraquat Concentrate (alternate formulation #5)

Ingredient paraquat dichloride

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6313	stability to normal and elevated temperatures	47847201	Source Dynamics LLC	OWN	
830.6314	oxidation / reduction: chemical incompatibility	47847201	Source Dynamics LLC	OWN	
830.6315	flammability	47847201	Source Dynamics LLC	OWN	
830.6316	explosibility	47847201	Source Dynamics LLC	OWN	
830.6317	storage stability	47847201	Source Dynamics LLC	OWN	
630.6319	miscibility	47847201	Source Dynamics LLC	OWN	
830.6320	corrosion characteristics	47847201	Source Dynamics LLC	OWN	
830.6321	dielectric breakdown voltage	47847201	Source Dynamics LLC	OWN	
830.7000	pH	47847201	Source Dynamics LLC	OWN	
830.7050	UV / visible absorption	47847201	Source Dynamics LLC	OWN	
830.7100	viscosity	47847201	Source Dynamics LLC	OWN	
830.7200	melting point	47847201	Source Dynamics LLC	OWN	
830.7220	boiling point	47847201	Source Dynamics LLC	OWN	
830.7300	density / relative density	47847201	Source Dynamics LLC	OWN	
830.7370	dissociation constant in water	47847201	Source Dynamics LLC	OWN	

Signature



Name and Title:

Robert Hawk  
Registration Manager, Source Dynamics LLC


Date:

October 29, 2014



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Ingredient paraquat dichloride					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7550	octanol / water partition coefficient	47847201	Source Dynamics LLC	OWN	
830.7570	octanol / water partition coefficient	47847201	Source Dynamics LLC	OWN	
830.7840	water solubility	47847201	Source Dynamics LLC	OWN	
830.7860	solubility in organic solvents		not applicable: not a technical material		
830.7950	vapor pressure	47847201	Source Dynamics LLC	OWN	
ACUTE TOXICITY DATA					
870.1100	acute oral toxicity	47091107	Source Dynamics LLC	OWN	
870.1200	acute dermal toxicity	47091108	Source Dynamics LLC	OWN	
870.1300	acute inhalation toxicity	47091109	Source Dynamics LLC	OWN	
870.2400	acute eye irritation	46098805	Sinon	PAY	
870.2500	acute dermal irritation	47091110	Source Dynamics LLC	OWN	
870.2600	skin sensitization	47091111	Source Dynamics LLC	OWN	
Signature 			Name and Title: Robert Hawk Registration Manager, Source Dynamics LLC		Date: October 29, 2014



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	Product Performance: generic data		The Scotts Company	PAY	
			Monsanto Company	PAY	
	Fate, Transport and Transformation: generic data		Crystal Chemical Company	PAY	
			Dow Agrosiences LLC	PAY	
	Spray Drift: generic data		Makhteshim-Agan of North America, Inc.	PAY	
			Spray Drift Task Force	PAY	
	Ecological Effects: generic data		EDM Industries, Inc.	PAY	
			Sinon Corp.	PAY	
	Residue Chemistry: generic data		Outdoor Residential Exposure Task Force	PAY	
			Agricultural Reentry Task Force	PAY	
	Occupational and Residential Exposure: generic data		FIFRA Endangered Species Task Force	PAY	
			Helm Agro US, Inc.	PAY	
	Residential Exposure Joint Venture	PAY			
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	Product Performance: generic data		Griffin Corporation	PAY	
	Fate, Transport and Transformation: generic data		Sinon USA, Inc.	PAY	
	Spray Drift: generic data		Sharda Cropchem Ltd.	PAY	
	Ecological Effects: generic data		Celsius Property B.V., Amsterdam (NL)	PAY	
	Residue Chemistry: generic data		Generic Endangered Species Task Force	PAY	
	Occupational and Residential Exposure: generic data		Willowood, LLC	PAY	
			Willowood Paraquat, LLC	PAY	
			US Raymat AG LLC	PAY	
	Signature 		Name and Title: Robert Hawk Registration Manager, Source Dynamics LLC		Date: October 29, 2014